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12. (original) A procedure according to any one of claims 9 or 10, wherein crystal nuclei in an amount of 0.5 to 2 % w/w relative to the precipitated alumina hydrates and computed as Al_2O_3 , are used for precipitation.

13. (original) A procedure according to any one of claims 9 or 10, wherein the crystal nuclei are prepared in an aqueous, acidic solution and one or more basic aluminum salts and one or more acidic aluminum salts are jointly added.

14. (original) A procedure according to claim 10, characterized in that polyacrylic acids, polymethacrylic acid, polyacrylates, polystyrenes, polyvinyl acetates, polyvinyl versalates and their mixtures or copolymers are used as organic polymers.

15. (original) A procedure according to any one of claims 9 or 10, characterized in that alkali aluminates, earth alkali aluminates or aluminum hydroxy salts are used as the basic aluminum salts.

16. (currently amended) A procedure according to any one of claims 9 or 10, characterized in that aluminum sulfate, aluminum nitrate, aluminum chloride or aluminum formate formate are used as the acidic aluminum salts.

17. (original) A procedure according to any one of the claims 9 or 10, characterized in that the bulk of the alumina hydrate is precipitated at a pH value of 5 to 9.